
Stock Exchange Investment: A Study of Factors That Influence Stock Exchange Investment

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Abstract

The goal of this study is to look into the factors that influence stock exchange investment in Kurdistan, namely in Erbil. Emerging countries can leverage these marketplaces to develop their economies as well, however some developing countries may be unfamiliar with the process. For firms looking for profitable investment opportunities, the stock exchange is a popular option. Investors typically take their chances in these markets based on researching predicted profits and dangers associated with those investments, as these marketplaces are where monetary transactions are done. Investors typically shun high-revenue investments due to the significant dangers associated with them, opting instead for low-risk, low-revenue ventures. The current research was analyzed using a quantitative manner. Erbil was the location of the research. Only 71 questionnaires were received and completed properly after the researcher distributed 100 surveys. In order to uncover factors influencing stock exchange investment, the researcher employed single regression analysis. The data show that the supply and demand element that influences stock has the highest value, followed by the economy factor, the third component, competition, and finally the politic element, which has the lowest value. According to the findings, supply and demand seems to play an important impact in stock exchange investment in Kurdistan.

Keywords— Stock exchange, Investment, Erbil, Kurdistan.

I. INTRODUCTION

Recognizing the variables that influence stock exchange is a critical aspect of stock exchange investment (Top & Ali, 2021). The approach to economic development pursued by numerous countries around the world may differ in character (Demir et al. 2020). However, there is fierce competition around the world for the same goal: to rapidly improve the average wealth of their people. Investments are regarded the cornerstone of sustainable and well-rounded growth (Ali, 2021), thus governments should seek to increase (Sorguli et al. 2021) and diversify their sources of investment to achieve this goal. Individuals can invest their money by assigning a certain quantity of money and "operating (Ali, 2020)" it in a variety of company industries in exchange for a lucrative quantity of additional revenue. Furthermore, investments are critical in speeding up the growth process (Andavar et al. 2020); yet, the fundamental

difficulty that investments face is the manner in which they are operated, i.e., a shortage of investment sources (Faraj et al. 2021). This problem can only be resolved by establishing a comprehensive network of financial institutions and organizations capable of directing investments in the proper direction in order to generate the needed income (Ali, 2016). Stock exchanges, on the other hand, are a fantastic place for firms looking for investment possibilities to meet and deal (Anwar & Surarchith, 2015). Emerging countries can leverage these marketplaces to develop their economies as well, however some developing countries may be unfamiliar with the process (Ali, 2014). For firms looking for profitable investment opportunities, the stock exchange is a popular option. Investors typically take their chances in these markets based on researching predicted profits and dangers associated with those investments (Ali & Anwar, 2021), as these marketplaces are where monetary

transactions are done (Anwar & Shukur, 2015). Investors typically shun high-revenue investments due to the significant dangers associated with them, opting instead for low-risk, low-revenue ventures (Saleh et al. 2021).

II. LITERATURE REVIEW

Investments are regarded as one of the most important economic activities because of the critical role they play in achieving economic and social development (Anwar, 2017), particularly because any initial increase in investment (Ali et al. 2021) value eventually leads to an increase in income value due to the investment multiplier, and any initial increase in income will also lead to an increase in investment value (Ali et al. 2021). Every investment opportunity (Aziz et al. 2021), on the other hand, comes with a different set of risks and rewards (Anwar, 2016). Some people believe that investing is a wise decision (Ali et al. 2021) "Others see investments as "giving up a sum of money for a set period of time in order to get more cash flow in the future, thus compensating for the loss of opportunities and the expected decline in the value of invested money due to inflation, with the possibility of a future benefit attainable through future consumption choice, (Anwar & Abdullah, 2021)" while others see investments as "giving up a sum of money for a set period of time in order to get more cash flow in the future, (Abdullah et al. 2021) thus compensating for the loss of opportunities, and the expected decline (Anwar, K., & Louis, 2017). Based on the foregoing, it is safe to argue that investment differs significantly from the notion of saving, which entails "refraining from spending money in the future in order to increase future consumption (Sabir et al. 2021)." Saving involves no risk (Anwar, 2017). Return-on-investment (ROI) is defined as "the profit made

by the capital owner in exchange (Ahmed et al. 2021) for giving up his money for the benefit (Anwar & Balcioglu, 2016) of others for a specified period of time," or " (Anwar, 2017) the price paid for assuming risks or uncertainty factors" (Anwar & Qadir, 2017). The greater the investor's desire to make more gains, the greater the risks. Additionally, the longer the time between the initial investment and the return-on-investment, the greater the dangers (Anwar, 2017). These dangers stem from the unknown of whether or not a profit can be made from a certain venture. There are two types of returns that investors might expect in the capital market. The first is the capital addition (Akoi et al. 2021), which is an increase in the price of the offer, as well as the profit paid by the company (Anwar & Climis, 2017). Because the variable will be investigated, the stock exchange is an important aspect in this investigation. According to (Talim, et al. 2021), stock exchange is defined as the level of benefit regarded by a financial professional for their personal benefits and investments (Jamal et al. 2021). Also, according to (Jareo & Negru, 2016), stock exchange is defined as the total growth or loss on an investment over a specified duration (Anwar & Ghafoor, 2017). It's calculated by subtracting the benefit's change in value from any money distributions that occurred during the period from the investment's start-of-period value. There are several factors that can influence stock return, according to (Sharif, Et Al., 2015). For example, (Hameed & Anwar, 2018) one of the aspects that may have an impact on stock return is the financial ratio, which has made stock return predicting easier (Ismael et al. 2021). Book-to-market ratios, debt-to-equity ratios, and dividend yield are some other characteristics that may influence stock return (Ali, et al. 2021).

III. CONCEPTUAL FRAMEWORK

The Research model can see at Figure 1

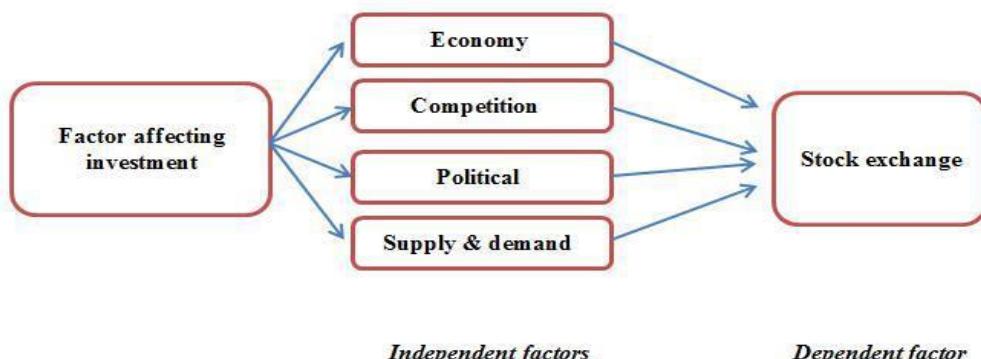


Fig.1: Research Model

Research hypotheses:

- H1: There is positive relationship between economy factor and stock exchange investment
- H2: There is positive relationship between competition factor and stock exchange investment
- H3: There is positive relationship between politic factor and stock exchange investment
- H4: There is positive relationship between supply and demand factor and stock exchange investment.

IV. METHODOLOGY

The purpose of this research is to examine the factors affecting stock exchange investment in Kurdistan and

particularly in Erbil. A quantitative method used to analyse the present research. The questionnaire consisted of two units, the first unit comprised of participants' demographic questions (respondent's age and respondents' gender). The second part of questionnaire consisted of 8 questions for economy factor, 9 questions for competition factor, 10 questions for politic factor, 8 questions for supply and demand factor, and 12 questions for stock exchange. The sampling method used in this study was random sampling technique. The study was carried in Erbil. The researcher distributed 100 questionnaires, only 71 questionnaires were received and being completed properly. The questionnaire was organized in multiple choice questions format. Five point Likert scale used, the participants were asked to range from strongly disagree to strongly agree.

V. RESULT AND ANALYSIS

Table 1-Reliability tests

Variables	Cronbach's Alpha	Number of items
Economy factor	.832	8
Competition factor	.812	9
Politic factor	.799	10
Supply and demand factor	.911	8
Stock exchange	.809	12

Table 1 shows the reliability analysis for four independent factors and a dependent factor. According to the reliability tests, the researchers found out Cronbach's Alpha for the economy factor =.832 for eight items, which are greater than .6 this means that economy factor's eight items were reliable for this study. The Cronbach's Alpha for the competition factor =.812 for nine items, which are greater than .6 this means that competition factor's nine items were reliable for this study. The Cronbach's Alpha for the politic factor =.799

for ten items, which are greater than .6 this means that politic factor's ten items were reliable for this study. The Cronbach's Alpha for the supply and demand factor =.911 for eight items, which are greater than .6 this means that supply and demand factor's eight items were reliable for this study and finally the Cronbach's Alpha for the stock exchange factor =.809 for twelve items, which are greater than .6 this means that stock exchange factor's twelve items were reliable for this study.

Table 2-Correlation analysis

		Economy	Competition	Politics	Supply & demand
Stock exchange	Pearson correlation	.804**	.796**	.826**	.811**
		.000	.000	.000	.000
		71	71	71	71

** Correlation is significant at the 0.01 level (2-tailed)

Table 2 shows the correlation among four independent factors (economy factor, competition factor, politic factor and supply & demand factor) and a dependent factor

(investment in stock exchange). The value of R between economy factor and stock exchange = .804** which indicates that they are significantly correlated. The value

of R between competition factor and stock exchange = .796** which indicates that they are significantly correlated. The value of R between politic factor and stock exchange = .826** which indicates that they are significantly correlated.

The value of R between supply and demand factor and stock exchange = .811** which indicates that they are significantly correlated. The results revealed that overall

all variables are significantly correlated with dependent factor.

Regression analysis

The researcher used single regression analysis to analyze the current study. In terms of the first research hypothesis a single regression used (as seen in table 3), with economy as an independent variable and stock exchange as the dependent variable.

Table 3-Coefficients H1

Model	Unstandardized coefficients		Standardized coefficients	t	Sig.
	B	Std. Error			
(Constant)	.811	.211		3.511	.000
Economy	.878	.061	.821	17.612	.000

a. Dependent Variable: stock exchange

Table 3 shows the result of the first research hypothesis, the researcher found that the value B = .878 which is higher than 0.01, accordingly the result revealed that there is positive relationship between economy factor and stock exchange investment.

Table 4-Coefficients H2

Model	Unstandardized coefficients		Standardized coefficients	t	Sig.
	B	Std. Error			
(Constant)	.838	.224		3.743	.000
Competition	.862	.054	.826	15.904	.000

a. Dependent Variable: stock exchange

Table 4 shows the result of the second research hypothesis, the researcher found that the value B = .862 which is higher than 0.01, accordingly the result revealed that there is positive relationship between competition factor and stock exchange investment.

Table 5-Coefficients H3

Model	Unstandardized coefficients		Standardized coefficients	t	Sig.
	B	Std. Error			
(Constant)	.611	.230		3.142	.000
Politic	.632	.056	.589	14.684	.000

a. Dependent Variable: stock exchange

Table 5 shows the result of the third research hypothesis, the researcher found that the value $B = .632$ which is higher than 0.01, accordingly the result revealed that there is positive relationship between politic factor and stock exchange investment.

Table 6-Coefficients H4

Model	Unstandardized coefficients		Standardized coefficients	t	Sig.
	B	Std. Error	Beta		
(Constant)	.367	.268		3.142	.000
Supply & demand	.926	.065	.896	14.262	.000

a. Dependent Variable: stock exchange

Table 6 shows the result of the fourth research hypothesis, the researcher found that the value $B = .926$ which is higher than 0.01, accordingly the result revealed that there is positive relationship between supply & demand factor and stock exchange investment.

VI. CONCLUSION

This study has analyzed factors affecting investment in stock exchange in Kurdistan and particularly in Erbil. Investigating the conditions surrounding financial investment and accompanying risks leads to achieving higher profits with fewer risks. As such, risk analysis may have a positive impact on decision-making (Hamza et al. 2021). The researcher used single regression analysis in order to find factors affecting investment in stock exchange (Anwar & Abd Zebari, 2015). The findings revealed that the highest value among all variables was supply & demand factor that influence stock, the second highest value was for economy factor then the third factor was competition factor and lastly the lowest value was for politic factor (Ahmed et al. 2021). According the findings, it seems that supply and demand play an essential role in investment in stock exchange in Kurdistan.

REFERENCES

- [1] Top, C., & Ali, B. J. (2021). Customer satisfaction in online meeting platforms: Impact of efficiency, fulfillment, system availability, and privacy. *Amazonia Investigia*, 10(38), 70–81. <https://doi.org/10.34069/AI/2021.38.02.7>
- [2] Demir, A., Maroof, L., Sabbah Khan, N.U. and Ali, B.J. (2020), "The role of E-service quality in shaping online meeting platforms: a case study from higher education sector", *Journal of Applied Research in Higher Education*. <https://doi.org/10.1108/JARHE-08-2020-0253>
- [3] Ali, B. J. (2021). Impact of consumer animosity, boycott participation, boycott motivation, and product judgment on purchase readiness or aversion of Kurdish consumers in Iraq.
- Journal of Consumers Affairs; 1–20.
<https://doi.org/10.1111/joca.12350>
- [4] Ali, B. J. (2020). Impact of COVID-19 on consumer buying behavior toward online shopping in Iraq. *Economic studies journal*. 18(42): 267-280. Retrieved from <https://www.asjp.cerist.dz/en/article/134070>
- [5] Ali, B.J. (2021) Assessing (The impact) of advertisement on customer decision making: Evidence from an educational institution. *Afak for sciences journal*, 6(1): 425-439. Retrieved from <https://www.asjp.cerist.dz/en/article/141056>
- [6] Ali, B.J. (2021) Consumer attitudes towards healthy and organic food in the Kurdistan region of Iraq. *Management Science Letters*. 11: 1-8. DOI: 10.5267/j.msl.2021.2.015
- [7] Andavar, V., Ali, B.J., and Ali, S.A. (2020) Rainwater for Water Scarcity Management: An Experience of Woldia University (Ethiopia). *Journal of Business, Economics and Environmental Studies*, 10-(4): 29-34. DOI: 10.13106/jbees.2020.vol10.no4.29
- [8] Faraj, K. M., Faeq, D. K., Abdulla, D. F., Ali, B. J., & Sadq, Z. M. (2021). Total Quality Management And Hotel Employee Creative Performance: The Mediation Role Of Job Embeddedment. *Journal of Contemporary Issues in Business and Government*, 27(1), 3838-3855. <http://dx.doi.org/10.47750/cibg.2021.27.01.001>
- [9] Ali, B. J. (2016). Iraq Stock Market and its Role in the Economy. Retrieved from <https://www.amazon.com/Iraq-Stock-Market-Role-Economy/dp/3659634271>
- [10] Ali, B. J. (2014). Brand Building in the Consumer Electronics Industry in Iraq. Retrieved from <https://www.amazon.com/Brand-Building-Consumer-Electronics-Industry/dp/6200248699>
- [11] Ali, B. J., & Anwar, G. (2021). Factors Influencing the Citizens' Acceptance of Electronic Government. *International Journal of Engineering, Business and*

- Management, 5(1), 48–60. <https://doi.org/10.22161/ijebm.5.1.5>
- [12] Saleh, P. F., Ali, B. J., Akoi, S., Najmalddin, B., Ali, R. S., & Anwar, G. (2021). Factors affecting the Success of Female Entrepreneurs in Kurdistan. *International journal of Engineering, Business and Management (IJEBM)*, 5.
- [13] Ali, B. J., & Anwar, G. (2021). The Effect of Marketing Culture Aspects of Healthcare Care on Marketing Creativity. *International Journal of English Literature and Social Sciences*, 6(2), 171–182. <https://doi.org/10.22161/ijels.62.25>
- [14] Ali, B. J., & Anwar, G. (2021). An Empirical Study of Employees' Motivation and its Influence Job Satisfaction. *International Journal of Engineering, Business and Management*, 5(2), 21–30. <https://doi.org/10.22161/ijebm.5.2.3>
- [15] Ali, B. J., Saleh, P. F., Akoi, S., Abdulrahman, A. A., Muhammed, A. S., Noori, H. N., & Anwar, G. (2021, May). Impact of Service Quality on the Customer Satisfaction: Case study at Online Meeting Platforms. In *Ali, BJ, Saleh, Akoi, S., Abdulrahman, AA, Muhammed, AS, Noori, HN, Anwar, G.(2021). Impact of Service Quality on the Customer Satisfaction: Case study at Online Meeting Platforms. International journal of Engineering, Business and Management* (Vol. 5, No. 2, pp. 65-77).
- [16] Ali, B. J., & Anwar, G. (2021). The balanced scorecard's evolution as a strategic mechanism at banking sectors. *International Journal of English Literature and Social Sciences*, 6(1), 471–478. <https://doi.org/10.22161/ijels.61.63>
- [17] Anwar, G., & Abdullah, N. N. (2021). Inspiring future entrepreneurs: The effect of experiential learning on the entrepreneurial intention at higher education. *International Journal of English Literature and Social Sciences*, 6.
- [18] Ali, B. J., & Anwar, G. (2021). Measuring competitive intelligence Network and its role on Business Performance. *International Journal of English Literature and Social Sciences*, 6(2), 329–345. <https://doi.org/10.22161/ijels.62.50>
- [19] Anwar, G., & Abdullah, N. N. (2021). The impact of Human resource management practice on Organizational performance. *International journal of Engineering, Business and Management (IJEBM)*, 5.
- [20] Abdullah, N. N., & Anwar, G. (2021). An Empirical Analysis of Natural Gas as an Alternative Fuel for Internal Transportation. *International Journal of English Literature and Social Sciences*, 6(1).
- [21] Ali, B. J., & Anwar, G. (2021). A study of knowledge management alignment with production management: A study of carpet manufacture in Kurdistan region of Iraq. *International Journal of English Literature and Social Sciences*, 6(2), 346–360. <https://doi.org/10.22161/ijels.62.51>
- [22] Ali, B. J., & Anwar, G. (2021). The mediation role of change management in employee development. *International Journal of English Literature and Social Sciences*, 6(2), 361–374. <https://doi.org/10.22161/ijels.62.52>
- [23] Anwar, K., & Louis, R. (2017). Factors Affecting Students' Anxiety in Language Learning: A Study of Private Universities in Erbil, Kurdistan. *International Journal of Social Sciences & Educational Studies*, 4(3), 160.
- [24] Ali, B. J., & Anwar, G. (2021). Business strategy: The influence of Strategic Competitiveness on competitive advantage. *International Journal of Electrical, Electronics and Computers*, 6(2), 1–10. <https://doi.org/10.22161/eeec.62.1>
- [25] Anwar, K. (2017). Leading Construction Project Teams: The Effectiveness of Transformational Leadership in Dynamic Work Environments in Kurdistan. *International Journal of Advanced Engineering, Management and Science*, 3(10), 239925.
- [26] Ali, B. J., & Anwar, G. (2021). Strategic leadership effectiveness and its influence on organizational effectiveness. *International Journal of Electrical, Electronics and Computers*, 6(2), 11–24. <https://doi.org/10.22161/eeec.62.2>
- [27] Anwar, K., & Qadir, G. H. (2017). A Study of the Relationship between Work Engagement and Job Satisfaction in Private Companies in Kurdistan. *International Journal of Advanced Engineering, Management and Science*, 3(12), 239944.
- [28] Ali, B. J., & Anwar, G. (2021). Intellectual capital: A modern model to measure the value creation in a business. *International journal of Engineering, Business and Management*, 5(2), 31–43. <https://doi.org/10.22161/ijebm.5.2.4>
- [29] Ali, B. J., & Anwar, G. (2021). Marketing Strategy: Pricing strategies and its influence on consumer purchasing decision. *International journal of Rural Development, Environment and Health Research*, 5(2), 26–39. <https://doi.org/10.22161/ijreh.5.2.4>
- [30] Anwar, K. (2017). Factors Affecting Stock Exchange Investment In Kurdistan. *The International Journal of Accounting and Business Society*, 25(1), 32-37.
- [31] Ali, B. J., & Anwar, G. (2021). Organization citizenship behaviour as a determining Factor in Business outcome. *International journal of Rural Development, Environment and Health Research*, 5(2), 17–25. <https://doi.org/10.22161/ijreh.5.2.3>
- [32] Anwar, K., & Climis, R. (2017). Analyzing the relationship between types of advertisement and customer choice: a study of retailer stores in erbil. *The International Journal of Accounting and Business Society*, 25(2), 43-52.
- [33] Talim, S.R., Ali, B.J., Top, C. (2021). Elaborating the Antecedents of Purchase Intentions in Second-Hand Car Industry: Case Study in Kurdistan Region of Iraq. *Journal of Contemporary Issues in Business and Government*, 27(3), 1526-1547. <http://dx.doi.org/10.47750/cibg.2021.27.03.204>
- [34] Anwar, K., & Ghafoor, C. (2017). Knowledge management and organizational performance: A study of private universities in Kurdistan. *International Journal of Social Sciences & Educational Studies*, 4(2), 53.
- [35] Ali, B. J., Saleh, Akoi, S., Abdulrahman, A. A., Muhammed, A. S., Noori, H. N., Anwar, G. (2021). Impact of Service Quality on the Customer Satisfaction: Case study at Online

- Meeting Platforms. *International journal of Engineering, Business and Management*, 5(2), 65–77. <https://dx.doi.org/10.22161/ijebm.5.2.6>
- [36] Hameed, A. A., & Anwar, K. (2018). Analyzing the Relationship between Intellectual Capital and Organizational Performance: A Study of Selected Private Banks in Kurdistan. *International Journal of Social Sciences & Educational Studies*, 4(4), 39.
- [37] Jamal Ali, B., Akoi, S., Fadel Saleh, P., & Sardar, zhilwan. (2021). Factors Shaping Customer Satisfaction with Residential Flats: Evidence from Sulaymaniyah City. *Black Sea Journal of Management and Marketing*, 2(2), 1-12. <https://doi.org/10.47299/bsjmm.v2i2.69>
- [38] Akoi, S., Jamal Ali, B., Fadel Saleh, P., Najmalddin, B., Sabah Mustafa, R., Rzgar Abdulmajid, M., & Rebwar Hama, A. (2021). Elaborating the Characteristics that Affect Buyers in Online Shopping: The Case of Generation Z Girls in Kurdistan Region of Iraq. *Black Sea Journal of Management and Marketing*, 2(2), 42 - 64. <https://doi.org/10.47299/bsjmm.v2i2.74>
- [39] Anwar, K. (2017). The Role of Effective Leadership in Crisis Management: Study of Private Companies in Kurdistan. *Qalaai Zanist Scientific Journal*, 2(4), 326-338.
- [40] Ahmed, S. Y., Ali, B. J., Top, C. (2021). Understanding the Impact of Trust, Perceived Risk, and Perceived Technology on the Online Shopping Intentions: Case Study in Kurdistan Region of Iraq. *Journal of Contemporary Issues in Business and Government*, 27(3), 2136-2153. <http://dx.doi.org/10.47750/cibg.2021.27.03.264>
- [41] Anwar, K., & Balcioğlu, H. (2016). The relationship between transformational leadership characteristics and effectiveness: A case study of construction companies in Erbil. *International Journal of Science Technology and Management*, 5(2), 250-256.
- [42] Sabir, B. Y., Othman, B. J., Gardi, B., Ismael, N. B., Hamza, P. A., Sorguli, S., Aziz, H. M., Ahmed, S. A., Ali, B. J., Anwar, G. (2021). Administrative Decentralization: The Transfer of Competency from The Ministry of Education to General Directorates. *International Journal of Rural Development, Environment and Health Research*, 5(3), 1–13. <https://doi.org/10.22161/ijreh.5.3.1>
- [43] Abdullah, M. S., Toycan, M., & Anwar, K. (2017). The cost readiness of implementing e-learning. *CUSTOS E AGRONEGOCIO ON LINE*, 13(2), 156-175.
- [44] Ali, B. J., Anwar, G., Gardi, B., Othman, B. J., Aziz, H. M., Ahmed, S. A., Hamza, P. A., Ismael, N. B., Sorguli, S., Sabir, B. Y. (2021). Business Communication Strategies: Analysis of Internal Communication Processes. *Journal of Humanities and Education Development*, 3(3), 16–38. <https://doi.org/10.22161/jhed.3.3.4>
- [45] Anwar, K. (2016). Comparison between cost leadership and differentiation strategy in agricultural businesses. *Custos E Agronegocio on Line*, 12(2), 212-231.
- [46] Ali, B. J., Gardi, B., Othman, B. J., Ismael, N. B., Sorguli, S., Sabir, B. Y., Ahmed, S. A., Hamza, P. A., Aziz, H. M., Anwar, G. (2021). Educational system: The policy of Educational system in Kurdistan Region in public Kindergarten. *International Journal of English Literature and Social Sciences*, 6(3), 602–611. <https://doi.org/10.22161/ijels.63.10>
- [47] Anwar, K. (2017). Analyzing the conceptual model of service quality and its relationship with guests'satisfaction: a study of hotels in erbil. *The International Journal of Accounting and Business Society*, 25(2), 1-16.
- [48] Aziz, H. M., Othman, B. J., Gardi, B., Ahmed, S. A., Sabir, B. Y., Ismael, N. B., Hamza, P. A., Sorguli, S., Ali, B. J., Anwar, G. (2021). Employee Commitment: The Relationship between Employee Commitment And Job Satisfaction. *Journal of Humanities and Education Development*, 3(3), 54–66. <https://doi.org/10.22161/jhed.3.3.6>
- [49] Anwar, G., & Shukur, I. (2015). The Impact of Service Quality Dimensions on Students' Satisfaction. *International Journal of Social Sciences & Educational Studies*, 76.
- [50] Ali, B. J., Gardi, B., Othman, B. J., Ahmed, S. A., Ismael, N. B., Hamza, P. A., Aziz, H. M., Sabir, B. Y., Anwar, G. (2021). Hotel Service Quality: The Impact of Service Quality on Customer Satisfaction in Hospitality. *International Journal of Engineering, Business and Management*, 5(3), 14–28. <https://doi.org/10.22161/ijebm.5.3.2>
- [51] Anwar, G., & Surarchith, N. K. (2015). Factors Affecting Shoppers' Behavior in Erbil, Kurdistan-Iraq. *International Journal of Social Sciences & Educational Studies*, 1(4), 10.
- [52] Sorguli, S., Gardi, B., Othman, B.J., Aziz, H. M., Ahmed, S. A., Sabir, B. Y., Ismael, N. B., Hamza, P. A., Ali, B. J., Anwar, G. (2021) Innovation: Knowledge Management in the Innovating Industries, 6(3), 10-23. <https://dx.doi.org/10.22161/eec.63.2>
- [53] Anwar, G., & Abd Zebari, B. (2015). The Relationship between Employee Engagement and Corporate Social Responsibility: A Case Study of Car Dealership in Erbil, Kurdistan. *International Journal of Social Sciences & Educational Studies*, 2(2), 45.
- [54] Hamza, P. A., Othman, B. J., Gardi, B., Sorguli, S., Aziz, H. M., Ahmed, S. A., Sabir, B. Y., Ismael, N. B., Ali, B. J., Anwar, G. (2021). Recruitment and Selection: The Relationship between Recruitment and Selection with Organizational Performance. *International Journal of Engineering, Business and Management*, 5(3), 1–13. <https://doi.org/10.22161/ijebm.5.3.1>
- [55] Anwar, G., & Shukur, I. (2015). the impact of recruitment and selection on job satisfaction: Evidence from private school in Erbil. *International Journal of Social Sciences & Educational Studies*, 1(3), 4-13.
- [56] Ali, B. J., Gardi, B., Othman, B. J., Sabir, B. Y., Sorguli, S., Ismael, N. B., Hamza, P.A., Aziz, H. M., Ahmed, A. A., Anwar, G. (2021). The Role of Shopping Malls on Kurdistan Regional Government's Economy. *Journal of Humanities and Education Development*, 3(3), 39–53. <https://doi.org/10.22161/jhed.3.3.5>
- [57] Anwar, G., & Shukur, I. (2015). Job satisfaction and employee turnover intention: A case study of private hospital in Erbil. *International Journal of Social Sciences & Educational Studies*, 2(1), 73.

- [58] Ahmed, S. A., Othman, B. J., Gardi, B., Sabir, B. Y., Ismael, N. B., Hamza, P. A., Sorguli, S., Aziz, H. M., Ali, B. J., Anwar, G. (2021). Students' Attitudes towards Learning English in the Kurdistan region of Iraq. *International Journal of English Literature and Social Sciences*, 6(3), 072–087. <https://doi.org/10.22161/ijels.63.11>
- [59] Anwar, G., & Shukur, I. (2015). The Impact of Training and Development on Job Satisfaction: A Case Study of Private Banks in Erbil. *International Journal of Social Sciences & Educational Studies*, 2(1), 65.
- [60] Ismael, N. B., Othman, B. J., Gardi, B., Hamza, P. A., Sorguli, S., Aziz, H. M., Ahmed, S. A., Sabir, B. Y., Ali, B. J., Anwar, G. (2021). The Role of Training and Development on Organizational effectiveness. *International Journal of Engineering, Business and Management*, 5(3), 15–24. <https://doi.org/10.22161/ijebm.5.3.3>